



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Rafael L. Espinoza et al.

§ Group Art Unit: 1621

Serial No.: 10/743,856

§ Examiner: Jafar F. Parsa

Filed: December 22, 2003

§ Atty. Dkt. No.: 1856-24401  
§ (9600.0-01)

For: Attrition resistant bulk metal  
catalysts and methods of  
making and using same

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Date: October 13, 2005

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement, including completed Forms PTO/SB/08a and PTO/SB/08b which substitute PTO-1449A and 1449B forms, comprises a list of pertinent art of which Applicants are aware. This information is supplemental to the Information Disclosure Statements and Forms PTO 1449 filed in the above-referenced case on June 23, 2004.

The submission of this Information Disclosure Statement and the references submitted therewith is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation, that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

Respectfully submitted,

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PTO/SB/08a 07-05

Approved for use through 07/31/2006. OMB 0651-0031  
U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

*Complete if Known***INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	1856-24401 (9600.0-01)
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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AA	US-6107238		08-22-2000	Contractor & Letts	
AB	US-4499209		02-12-1985	Hoek et al	
AC	US-2244573		06-03-1941	Roberts Jr.	
AD	US-4579985		04-01-1986	Minderhoud et al	
AE	US- 4628133		12-09-1986	Minderhoud et al	
AF	US-4522939		06-11-1985	Minderhoud et al	
AG	US-4594468		06-10-1986	Minderhoud et al	
AH	US-6548440		04-15-2003	Pham & Datye	
AI	US- 2003/0207752		11-06-2003	Pham & Datye	
AJ	US- 2002/0028745		03-07-2002	Krylova et al	
AK	US- 2002/0019309		02-14-2002	Lapidus et al	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
AL	EP- 0109702 B1		03-09-1988	Minderhoud et al		
AM	EP- 0583837 B1		11-19-1997	Rek & Blanketstein		
AN	EP- 0153781 B1		10-05-1988	Post & Sie		
AO	EP- 0510771 B1		07-24-1996	Reinalda et al		
AP	EP- 0510772 B1		12-06-1995	Reinalda et al		

Examiner Signature	Date Considered
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\*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language translation is attached.

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Substitute for form 1449B/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/743,856
				Filing Date	December 22, 2003
				First Named Inventor	Rafael L. Espinoza et al
				Group Art Unit	1621
				Examiner Name	Jafar F. Parsa
Sheet	2	of	2	Attorney Docket Number	
1856-24401 (9600.0-01)					

#### **OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Signature		Dated Considered	
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**\*EXAMINER:** Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORM TO THIS ADDRESS. Send To Commissioner For Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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